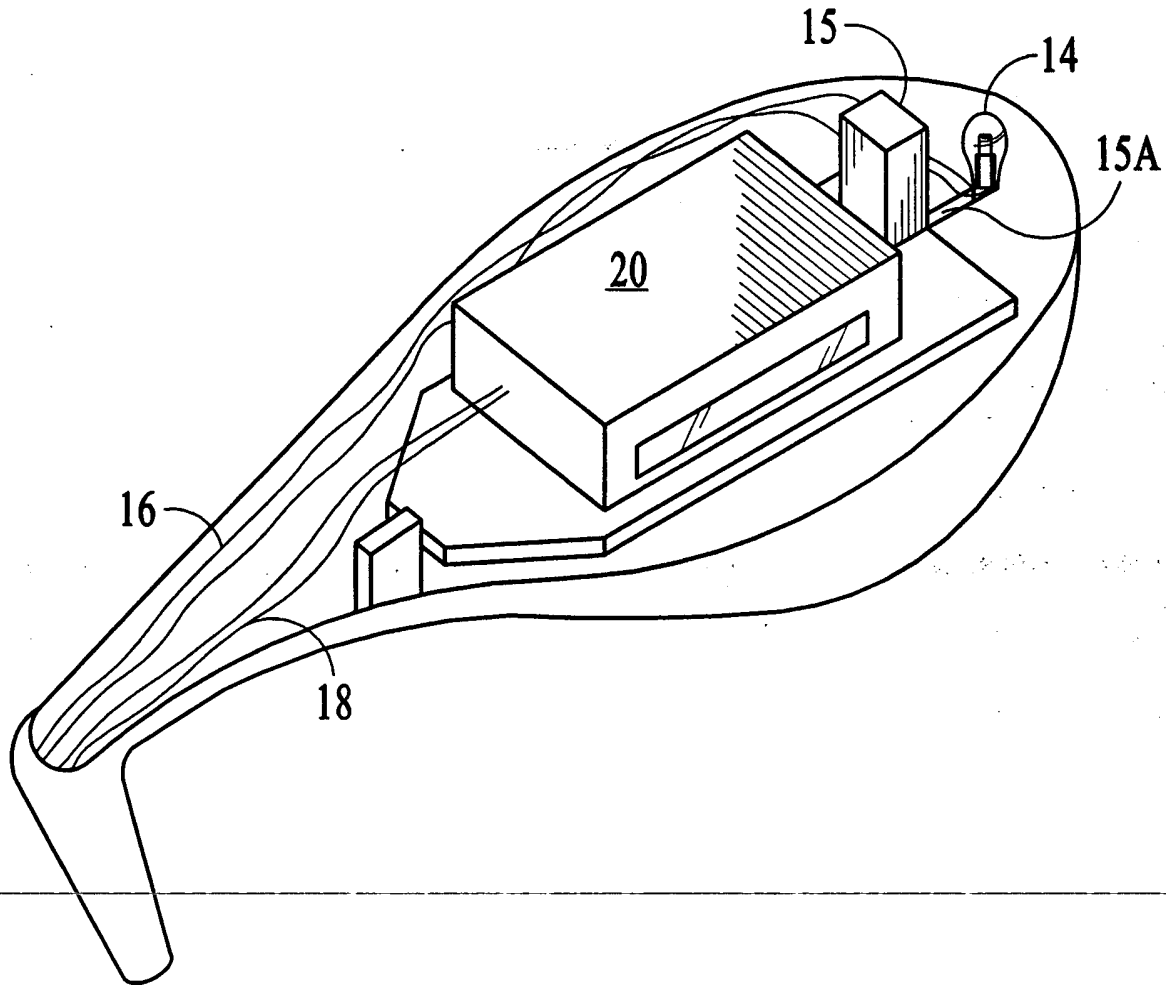


FIG. 1

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FIG. 2

208T90" 648T800T

JJL14

3/15  
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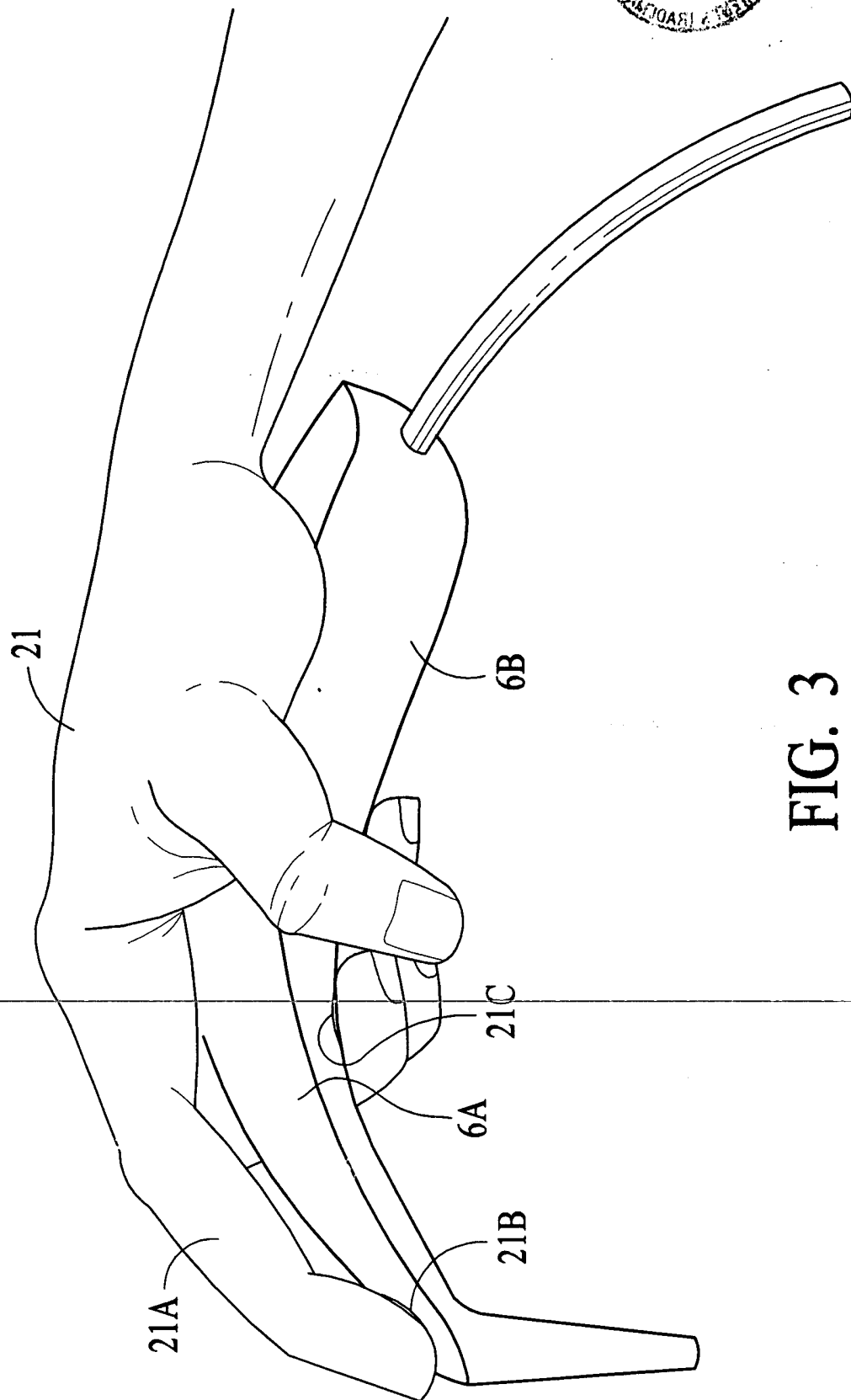


FIG. 3

208T30" 628T800T

JJL14 4/15

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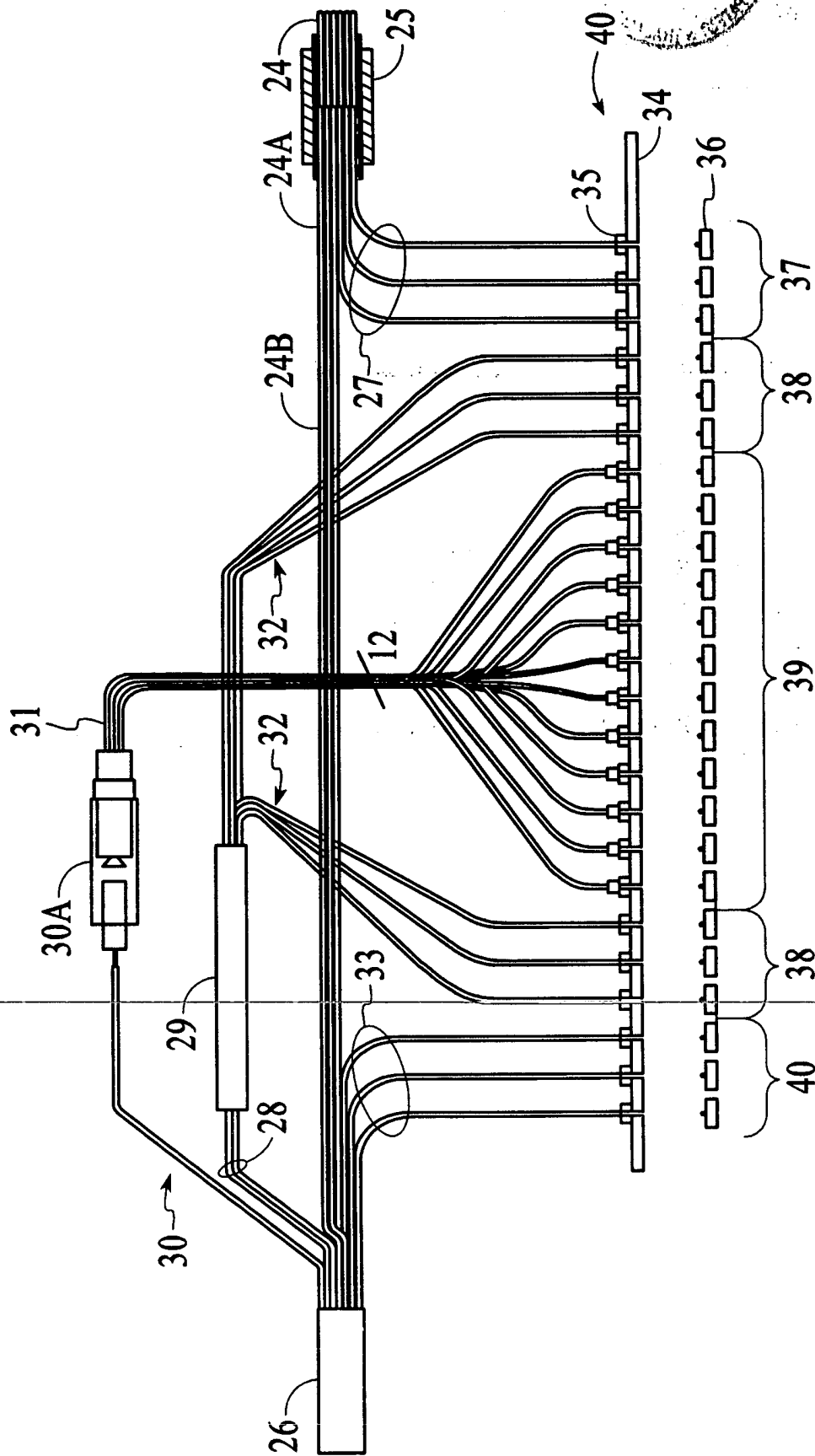
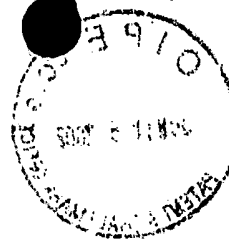


FIG. 4



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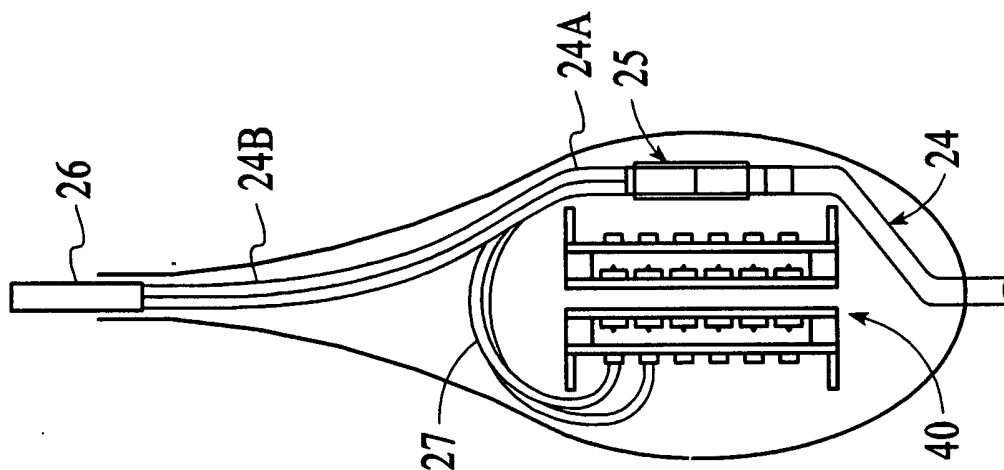


FIG. 5B

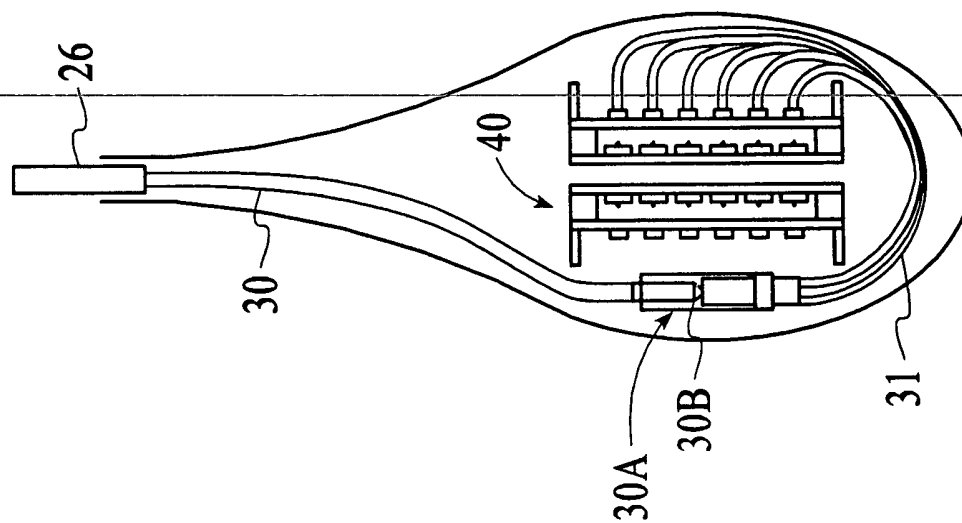


FIG. 5A

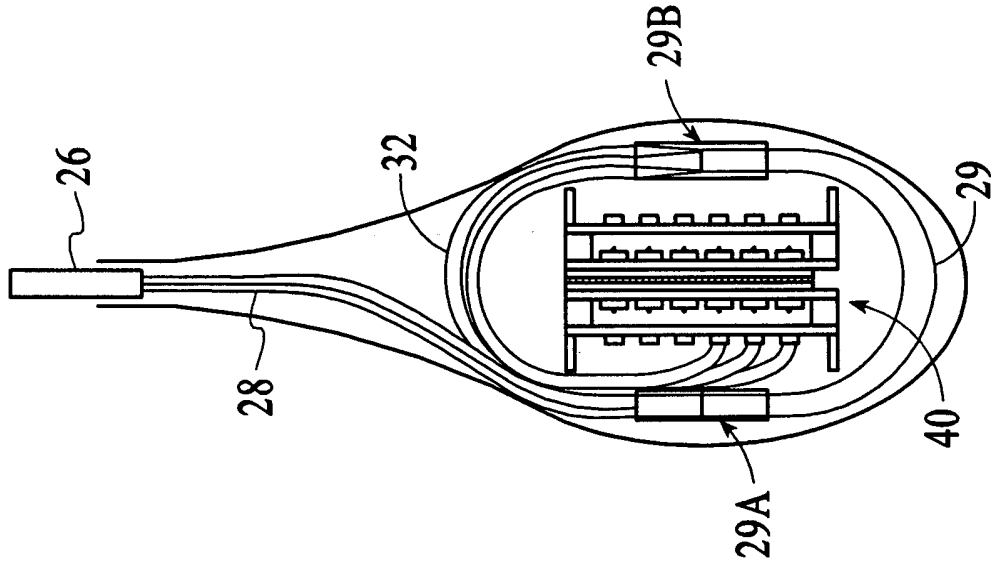
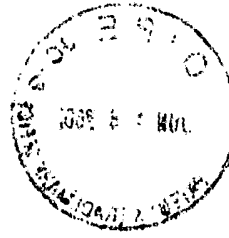


FIG. 5D

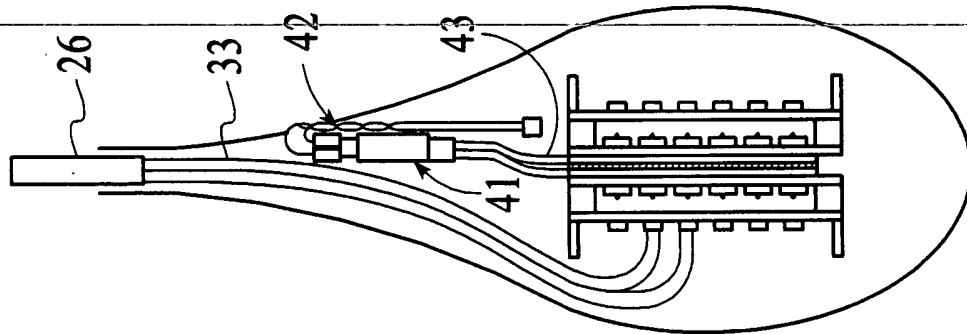
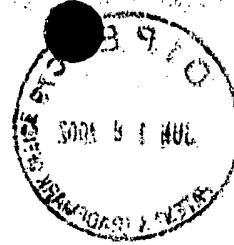
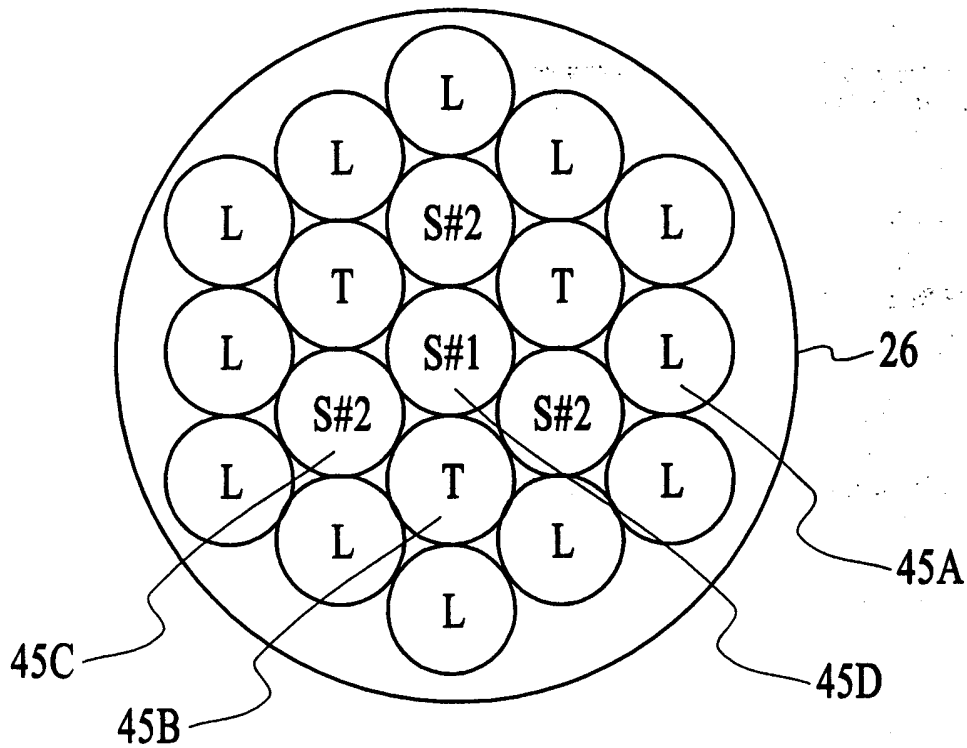


FIG. 5C

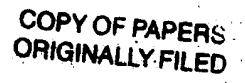


Probe End View



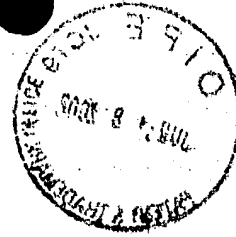
L = Light Source  
 T = Topology  
 S#1 = Spectrometer #1 Fiber  
 S#2 = Spectrometer #2 Fibers

FIG. 6



**SECRET**





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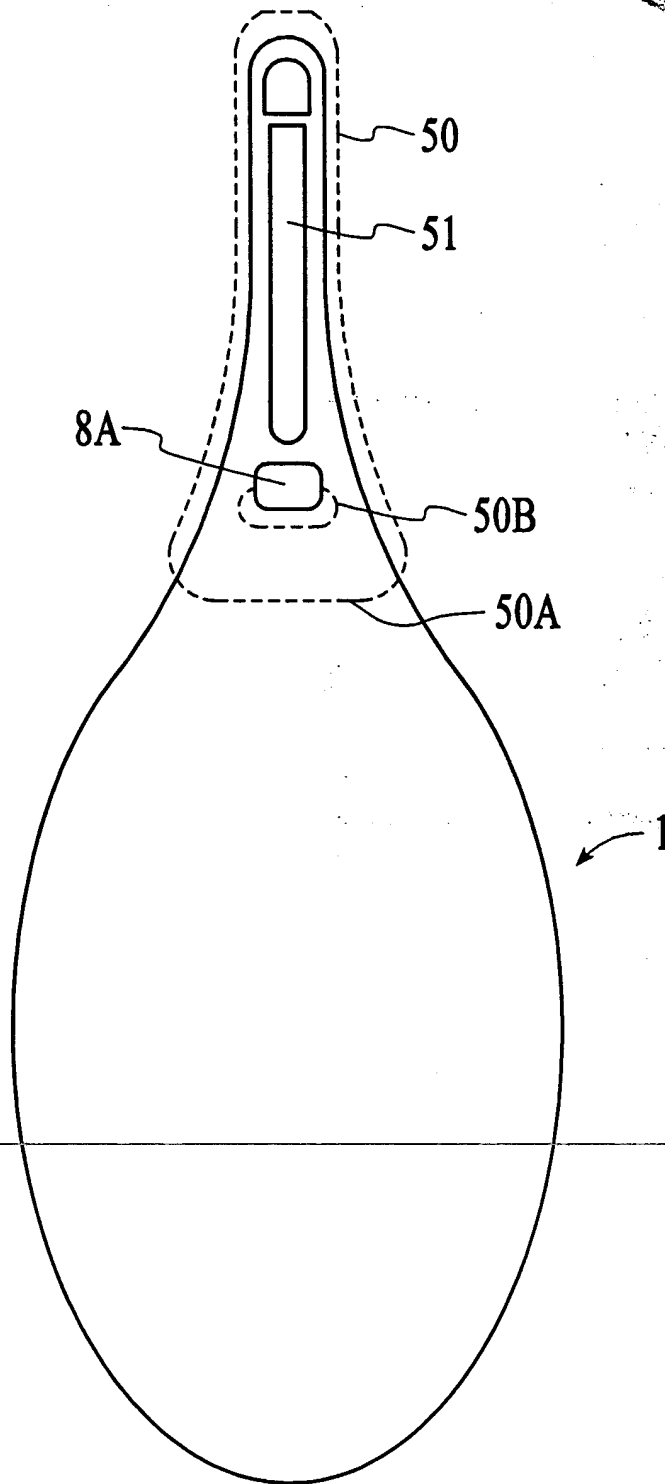


FIG. 7B

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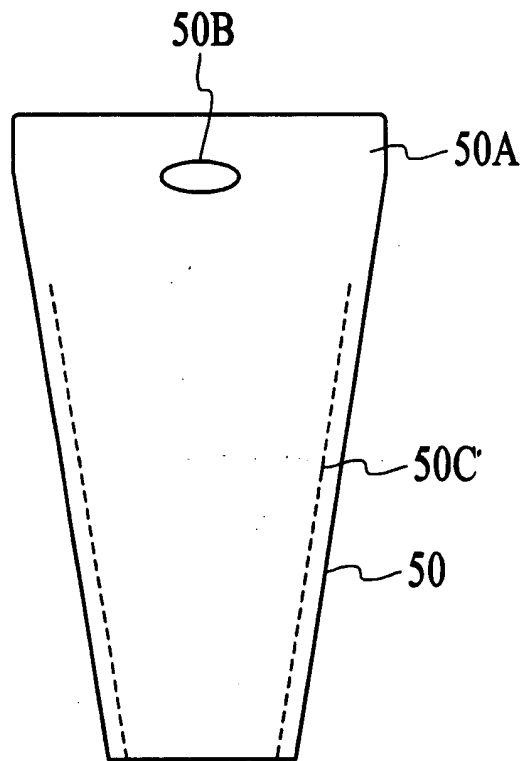


FIG. 7C

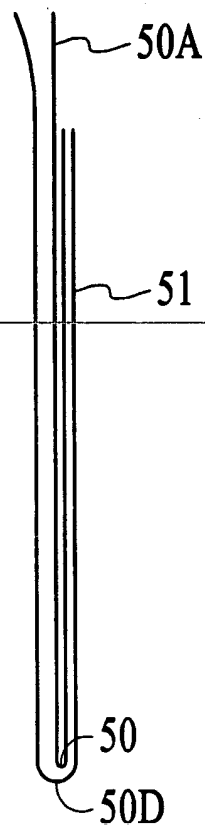


FIG. 7D

20081879-061802

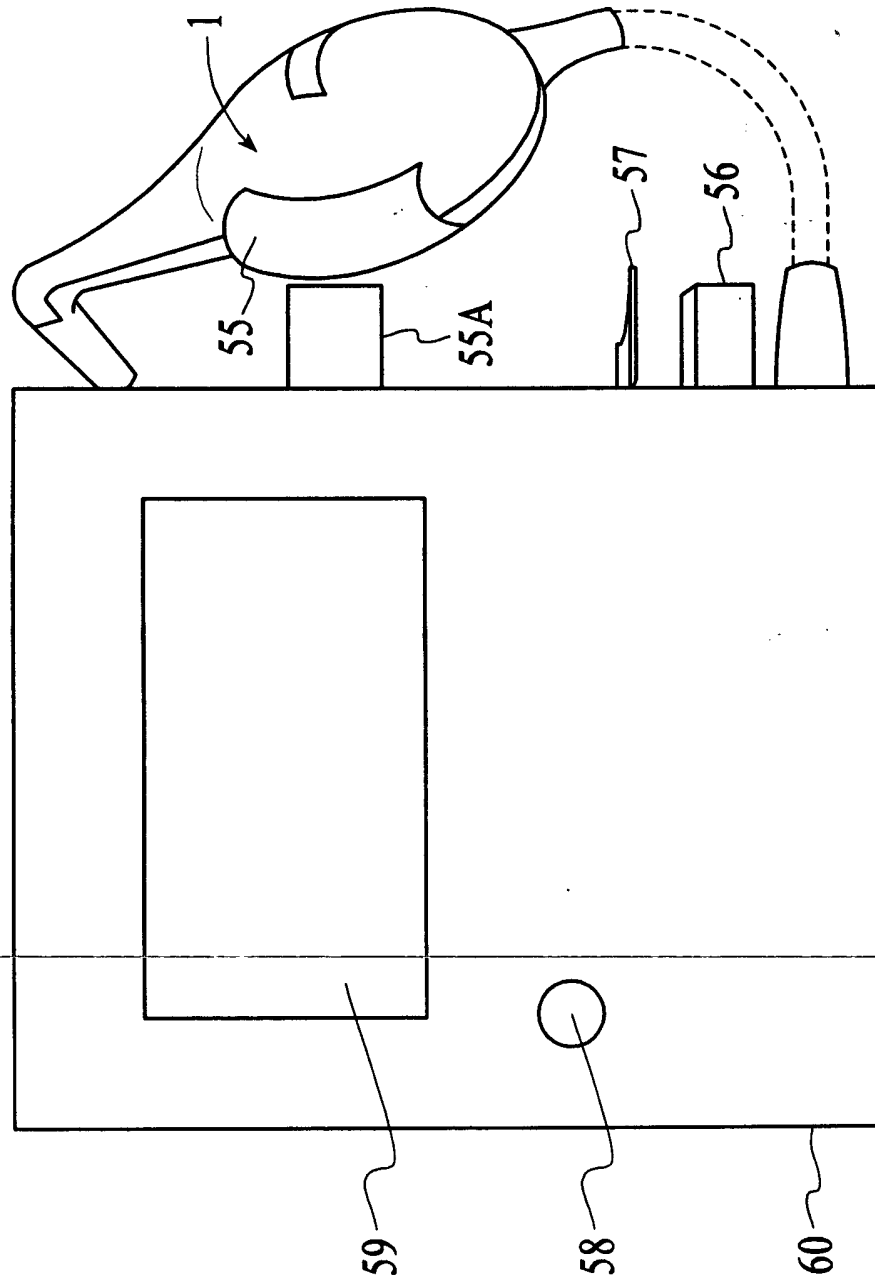


FIG. 8

208190 648F800T

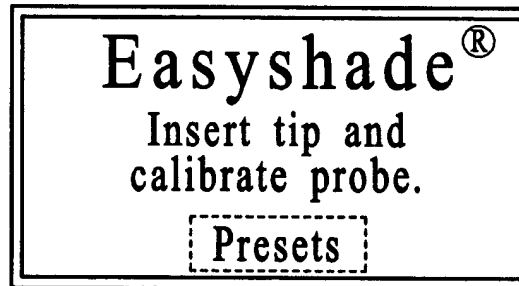


FIG. 9A

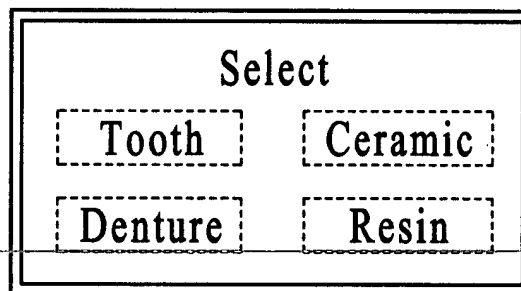


FIG. 9B

20081006 061800F

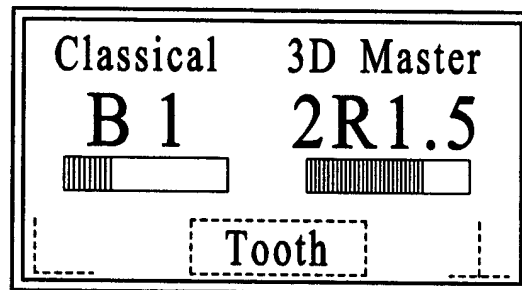


FIG. 9C

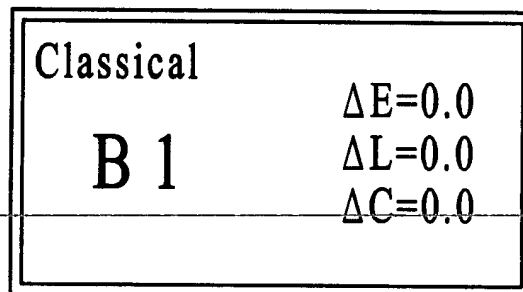


FIG. 9D

20140713 10:13:14

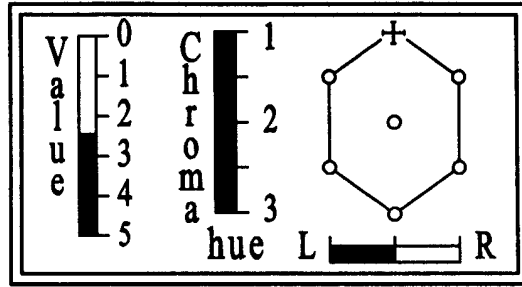
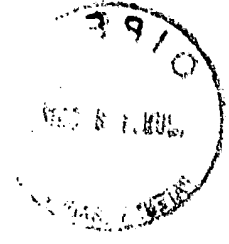


FIG. 9E

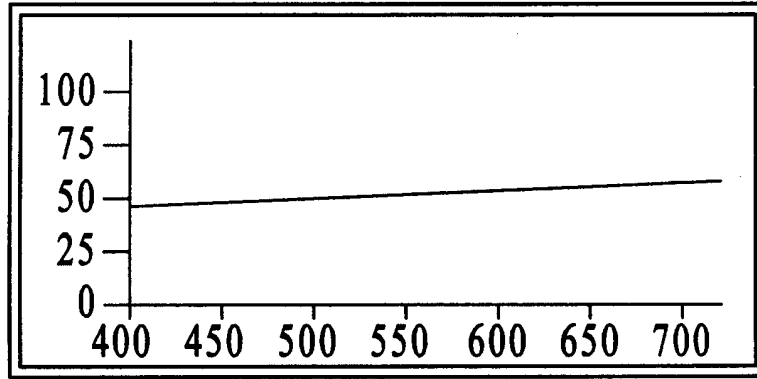


FIG. 9F

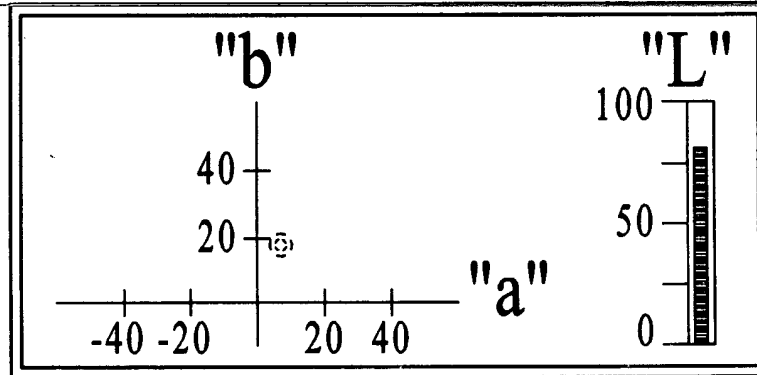


FIG. 9G

208190-64818001

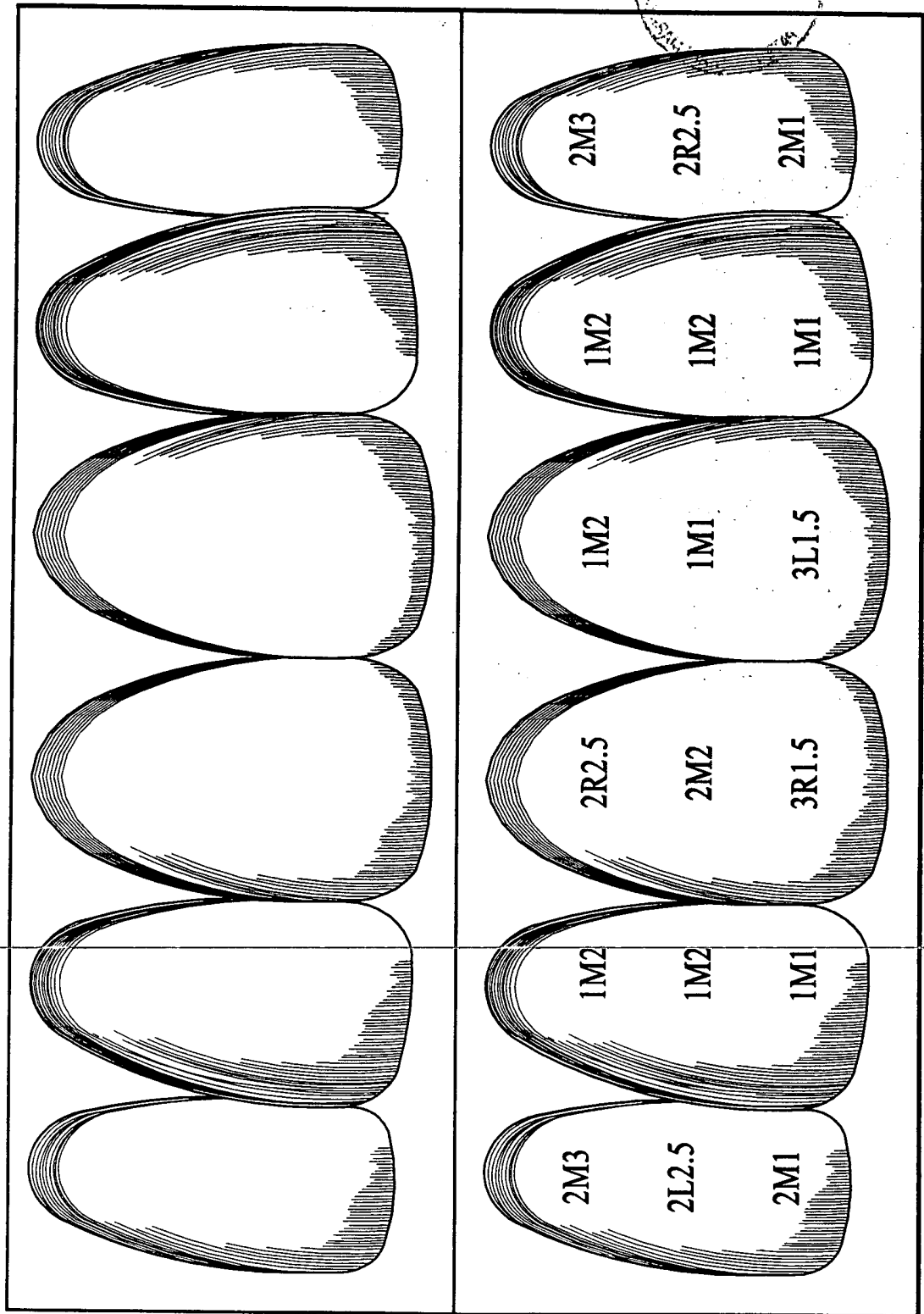
[illegible]

FIG. 10